

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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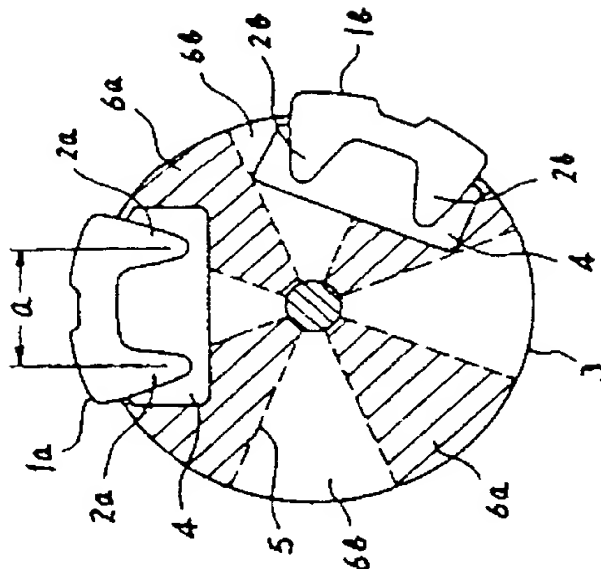
APPLICATION DATE : 21-01-85  
APPLICATION NUMBER : 60007576

APPLICANT : AKEBONO BRAKE IND CO LTD;

INVENTOR : MIYAKE KATSUYA;

INT.CL. : F16D 55/224 F16D 65/02

TITLE : DISC BRAKE DEVICE



**ABSTRACT :** **PURPOSE:** To prevent the generation of fan-shaped vibration of a rotor, by providing three or more pawls, pressing a brake pad to the rotor, including the pawl with an unequal space.

**CONSTITUTION:** A device provides pawls 2b, 2b of the second disc brake 1b so as to be positioned in a loop of fan-shaped vibration tending to be induced by pawls 2a, 2a with a space (a) of the first disc brake 1a, that is, sets the both disc brakes 1a, 1b forming a space between neighboring pawls of the both brakes different from the space (a). In this way, the device, in which a vibration tending to be induced by the pawl of one disc brake comes to be suppressed by the pawl of the other brake, causes a rotor to generate no vibration, accordingly generating no noise.

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